

Peak District National Park

Forecast valid from 06:00 on Sunday 05 Feb 2023 until 23:59 on Monday 06 Feb 2023

Forecast Issued on Sunday 05 Feb 2023 at 01:05

Confidence: High for a fine day on Sunday and Monday due to high pressure being centred over the UK, and for a change to generally cloudier conditions on Tuesday as the high moves away east. This allows weakening frontal troughs to edge southeast across the area with lower confidence around the timing and southeastward progression of these.

Headline for Sunday 05 Feb 2023: Dry with sunny spells. Winds easing

Mountain weather hazards on Sunday 05 Feb 2023

Blizzards

No Likelihood

Heavy persistent snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

Low Likelihood

Poor visibility

No Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Partly cloudy (night)	Sunny intervals	Sunny	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
00%	00%	00%	00%	00%	00%

Forecast for Sunday 05 Feb 2023

Weather: Dry with sunny spells through the day. The sunshine may be rather hazy at times due to thin high cloud well above the summits.

Chance of cloud-free hill tops above 600m: 100%

Low cloud and visibility: No cloud expected below the summits with excellent visibility offering good panoramic views of surrounding hills.

Forecast for Sunday 05 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/20 NE	13/20 NE	5/8 SE	7/10 SW	9/14 SW	9/13 SW	10/14 SW
300	6/7 S	6/10 E	4/6 SW	5/7 W	6/8 SW	5/7 S	5/8 S
Valley	5/13 N	2/9 E	2/4 SW	4/6 W	3/7 SW	4/8 SE	3/10 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-4	1/-4	2/-1	2/-1	1/-3	2/-2	0/-4
300	1/-2	2/-1	4/2	4/2	3/1	2/-0	2/-1
Valley	1/-2	1/-0	4/3	5/4	3/1	1/-0	0/-1
Freezing Level*	300m	300m	500m	600m	600m	400m	400m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Frost likely in valleys at dawn and again in evening.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sun 05 Feb 2023	2.2mm	11mm	11.8mm

Forecast for Monday 06 Feb 2023

Weather: Long clear spells overnight with one or two misty patches at low levels. Then another dry day with sunny spells, however cloud increasing from the west during the evening.

Maximum wind: Southwesterly 10-15mph.

Chance of cloud-free hill tops above 600m: 100% through the day.

Low cloud and visibility: No cloud expected below the summits through the day. Visibility generally very good, perhaps turning a little hazy at times.

Temperature: **Valleys:** Around minus 3 Celsius at dawn rising to plus 6 Celsius by day
At 600m: Around minus 3 Celsius rising to plus 2 Celsius
Freezing level: Frozen surfaces at all levels at first gradually rising above the summits